

**Specification Amendments**

At page 3, line 14, please insert the following:

**BRIEF DESCRIPTION OF THE DRAWINGS**

Figure 1 shows the boiling points of various relevant materials at atmospheric pressures;

Figure 2 depicts a multi-step process of preparing 1-octene;

Figure 3 depicts the process of Figure 2 supplemented by the further purification of 1-octene and 1-methoxyoctane;

Figure 4 is a process variant which depicts DME removal and the working-up of high boilers;

Figure 5 is another variant in which DME is removed and a bottom stream is processed;

Figure 6 is a variant of the process of Figure 5 which is supplemented by a water/methanol work-up;

Figure 7 is a variant of the process of Figure 5 which is supplemented by a process step in which a methanol containing stream is worked-up; and

Figure 8 is a variant of the process of Figure 7.

Please amend the text of the specification at page 13, lines 11-14 as follows:

-- In Fig 4, stream (5) from process step d2) is firstly freed of DME (24) in column (23) (process step d1); the high ~~boilers~~ boilers (25) are worked up either as shown in Fig 2 or as shown in Fig 3 (denoted as stream 5). Fig. 4 thus describes a variant of the process of the invention in which the process steps are carried out in the order d2), d1) and d). --